

a sample under conditions to form one or more hybridization complexes, detecting the hybridization complexes, and comparing the levels of the hybridization complexes with the level of hybridization complexes in a non-diseased sample, wherein the altered level of hybridization complexes compared with the level of hybridization complexes of a non-diseased sample indicates the presence of the disease or condition.

**IN THE CLAIMS:**

Claim 15 has been amended as follows:

15. (Once Amended) A substantially purified protein expressed in response to polycyclic aromatic hydrocarbon exposure, comprising

- (a) a protein selected from SEQ ID NOs:6-8 [or a portion thereof]; and
- (b) [an oligopeptide comprising at least 6 sequential amino acids of the protein of (a); and
- (c)] an immunogenic fragment of the protein of (a).